

What is claimed is:

1. A toaster comprising:

a toaster case having slits on both sides thereof;

a heater assembly installed inside the toaster case, for  
5 heating bread; and

at least one tray assembly for receiving and ejecting the  
bread and preventing the bread from slanting while toasting the  
bread.

10 2. The toaster of claim 1, wherein the tray assembly  
comprises:

at least one tray for receiving the bread;

a movable tray supporter provided at a lower portion of the  
tray and installed in the slits on both sides of the toaster case,  
15 for moving the tray;

a receiving and ejecting apparatus for moving the tray  
supporter; and

a holder part for fixing the received bread so as not to  
slant.

20

3. The toaster of claim 2, wherein the holder part  
comprises a pair of holders each of which front lower portion is  
bent toward a front surface of the toaster case and rear portion

is bent toward a rear surface of the toaster case, the pair of holders being installed on each tray.

4. The toaster of claim 3, wherein the holders are made of  
5 heatproof material and arranged in a line or a lattice.

5. The toaster of claim 3, wherein the front lower portion  
of the holder is installed at the front surface of the toaster  
case to be movably left and right, and the rear portion of the  
10 holder is installed at the rear surface of the toaster case  
fixedly.

6. The toaster of claim 5, wherein the holder part further  
comprises:

15 a spring formed of a single bent wire and crossed at a  
predetermined location of both sides thereof so that both ends  
thereof are coupled with a front lower portion of each of the  
holders; and

spacing means for spacing both sides of the spring from each  
20 other to enlarge distance between the holders when the bread is  
ejected.

7. The toaster of claim 6, wherein the spacing means  
comprises:

a body integrated with a rear lower portion of the tray supporter; and

a through hole through which both sides of a bent portion of the spring pass.

5

8. The toaster of claim 7, wherein the toaster case comprises a front plate, which forms a front surface with which a front bent portion of the holder is coupled and at which an insertion slot of the bread is formed.

10

9. The toaster of claim 8, wherein the front plate has a coupling hole of a predetermined size on a lower portion thereof so that the bent portion of the front lower portion of the holder is installed.

15

10. The toaster of claim 9, wherein the toaster case further comprises a rear plate having a coupling hole to which a rear portion of the holder is fixed.

20

11. The toaster of claim 9, wherein the holder comprises a heatproof and lubricant tube which surrounds a front bent portion, for contacting with the coupling hole of the front plate.

12. The toaster of claim 8, further comprising a toaster door coupled with a front portion of the front plate.

13. The toaster of claim 12, wherein the receiving and  
5 ejecting apparatus comprises:

a couple of connection levers having an end connected to the toaster door and the other end connected to the tray supporter; and

a couple of springs having an end connected to the tray  
10 supporter and the other end connected to a rear portion of the toaster case.

14. The toaster of claim 1, wherein the tray assembly comprises:

15 at least one tray for preventing the bread from slanting while toasting the bread;

a movable tray supporter provided at a lower portion of the tray so as to receive and eject the bread; and

a receiving and ejecting apparatus for moving the tray  
20 supporter.

15. The toaster of claim 14, wherein the tray comprises:  
a base for receiving the bread; and

a supporter including a wing configured slanting from a rear supporting surface of the bread by a predetermined angle, for supporting the rear portion of the bread and supporting both surfaces of the bread to prevent the bread from slanting.

5

16. The toaster of claim 15, wherein the base comprises a wing formed with a predetermined angle from a receiving surface of the bread, for supporting both surfaces of the lower portion of the bread on the both longer sides and supporting both  
10 surfaces of the bread to prevent the bread from slanting.

17. A toaster comprising:

a toaster case having slits on both sides thereof;

at least one tray assembly including at least one tray  
15 having the base provided with a wing slanting from a received surface of bread by a predetermined angle so as to receive the bread and support both surfaces of the lower portion of the bread, and a supporter provided with a wing slanting from a rear supporting surface of the bread by a predetermined angle so as to  
20 support the rear portion of the bread and support both surfaces of the bread to prevent the bread from slanting;

a heater assembly installed inside the toaster case, for heating the received bread; and

a toaster door installed on a front portion of the front plate.

18. The toaster of claim 17, wherein the tray assembly  
5 comprises:

a movable tray supporter provided at a lower portion of the tray so as to receive and eject the bread;

a receiving and ejecting apparatus for moving the tray supporter; and

10 a holder part for fixing the received bread so as not to slant.

19. The toaster of claim 18, wherein the holder part comprises a pair of holders each of which front lower portion is  
15 bent toward a front surface of the toaster case and rear portion is bent toward a rear surface of the toaster case, the pair of holders being installed on each tray.

20. The toaster of claim 19, wherein the holders are made  
20 of heatproof material and arranged in a line or a lattice.

21. The toaster of claim 19, wherein the holder part further comprises:

a spring formed of a single bent wire and crossed at a predetermined location of both sides thereof so that both ends thereof are coupled with a front lower portion of each of the holders; and

5        spacing means for spacing both sides of the spring from each other to enlarge distance between the holders when the bread is ejected.

10        22. The toaster of claim 19, wherein the spacing means comprises:

a body integrated with a rear lower portion of the tray supporter; and

a through hole through which both sides of a bent portion of the spring pass.

15

23. The toaster of claim 22, wherein the toaster further comprises a front plate, which is coupled between the toaster case and the toaster door and at which an insertion slot of the bread is formed.

20

24. The toaster of claim 23, wherein a front lower portion of the holder installed at a lower portion of the front plate movably left and right, and a rear portion of the holder installed at a rear surface of the toaster case fixedly.

25. The toaster of claim 24, wherein the front plate has a coupling hole of a predetermined size on a lower portion thereof so that a portion bent toward the front lower portion of the holder is installed.

26. The toaster of claim 25, wherein the receiving and ejecting apparatus comprises:

a couple of connection levers having an end connected to the door of the toaster and the other end connected to the tray supporter; and

a couple of springs having an end connected to the tray supporter and the other end connected to a rear portion of the toaster case.

15

27. The toaster of claim 25, wherein the holder further comprises a heatproof and lubricant tube which surrounds a front bent portion, for contacting with the coupling hole of the front plate.

20

28. A combined toaster and microwave oven comprising:

a body forming an appearance thereof;

a cavity formed in the body, for accommodating objects to be cooked by using microwave;



an electronic chamber provided at a portion inside the body and in which electronic parts for applying microwave into the cavity are installed; and

a toaster,

5 wherein the toaster comprises:

a toaster case provided in the front of the electronic chamber and having slits on both sides thereof;

at least one tray assembly having means for receiving and ejecting bread and preventing the bread from slanting; and

10 a heater assembly installed inside the toaster case, for heating the bread.

29. The combined toaster and microwave oven of claim 28, wherein the tray assembly comprises:

15 at least one tray for receiving the bread;

a movable tray supporter fixed at a lower portion of the tray and installed in the slits on both sides of the toaster case, for moving the tray;

a receiving and ejecting apparatus for moving the tray  
20 supporter; and

a holder part for fixing the received bread so as not to slant.

30. The combined toaster and microwave oven of claim 29, wherein the holder part comprises a pair of holders each of which front lower portion is bent toward a front surface of the toaster case and rear portion is bent toward a rear surface of the  
5 toaster case, the pair of holders being installed on each tray.

31. The combined toaster and microwave oven of claim 30, wherein the holders are made of heatproof material and arranged in a line or a lattice.

10

32. The combined toaster and microwave oven of claim 31, wherein the holders are made of wire.

33. The combined toaster and microwave oven of claim 30,  
15 wherein the front lower portion of the holder installed at the front surface of the toaster case movably left and right, and the rear portion of the holder installed at the rear surface of the toaster case fixedly.

20

34. The combined toaster and microwave oven of claim 33, wherein the holder part further comprises:

a spring formed of a single bent wire and crossed at a predetermined location of both sides thereof so that both ends

thereof are coupled with a front lower portion of each of the holders; and

spacing means for spacing both sides of the spring from each other to enlarge distance between the holders when the bread is  
5 ejected.

35. The combined toaster and microwave oven of claim 34, wherein the spacing means comprises:

a body integrated with a rear lower portion of the tray  
10 supporter; and

a through hole through which both sides of a bent portion of the spring pass.

36. The combined toaster and microwave oven of claim 35,  
15 wherein the toaster case comprises a front plate, which forms a front surface with which a front bent portion of the holder is coupled and at which an insertion slot of the bread is formed.

37. The combined toaster and microwave oven of claim 36,  
20 wherein the front plate has a coupling hole of a predetermined size on a lower portion thereof so that a portion bent toward the front lower portion of the holder is installed.

38. The combined toaster and microwave oven of claim 37, wherein the toaster case further comprises a rear plate having a coupling hole to which a rear portion of the holder is fixed.

5 39. The combined toaster and microwave oven of claim 37, wherein the holder further comprises a heatproof and lubricant tube which surrounds a front bent portion, for contacting with the coupling hole of the front plate.

10 40. The combined toaster and microwave oven of claim 37, wherein the toaster further comprises a toaster door coupled with a front portion of the front plate.

15 41. The combined toaster and microwave oven of claim 40, wherein the receiving and ejecting apparatus comprises:

a couple of connection levers having an end connected to the door of the toaster and the other end connected to the tray supporter; and

20 a couple of springs having an end connected to the tray supporter and the other end connected to a rear portion of the toaster case.

42. The combined toaster and microwave oven of claim 28, wherein the tray assembly comprises:

at least one tray for preventing the bread from slanting while receiving the bread;

a movable tray supporter fixed at a lower portion of the tray so as to receive and eject the bread; and

5 a receiving and ejecting apparatus for moving the tray supporter.

43. The combined toaster and microwave oven of claim 42, wherein the tray comprises:

10 a base for receiving the bread; and

a supporter including a wing slanting from a rear surface of the bread by a predetermined angle, for supporting the rear portion of the bread and supporting both surfaces of the bread to prevent the bread from slanting.

15

44. The combined toaster and microwave oven of claim 43, wherein the base comprises a wing slanting from a received surface of the bread by a predetermined angle, for supporting both surfaces of the lower portion of the bread on the both  
20 longer sides.

45. The combined toaster and microwave oven of claim 44, wherein the wing parts of the base and the supporters slant from supporting surface of each where each wing is formed by 90 - 180°.

46. A combined toaster and microwave oven comprising:

a body forming an appearance thereof;

a cavity formed in the body, for accommodating objects to be

5 cooked by using microwave;

an electronic chamber provided at a portion inside the cavity and in which electronic parts for applying microwave into the cavity are installed; and

a toaster,

10 wherein the toaster comprises:

a toaster case provided in the front of the electronic chamber and having slits on both sides thereof;

at least one tray assembly having a holder part installed in a slit of the toaster case for receiving and ejecting the bread  
15 and fixing a front surface of the bread, and at least one tray for receiving the bread and supporting both surfaces of a rear of the bread so as not to slant; and

a heater assembly installed inside the toaster case, for heating the bread.

20

47. The combined toaster and microwave oven of claim 46, wherein the tray assembly further comprises:

a movable tray supporter provided at a lower portion of the tray, for receiving and ejecting the bread;

a receiving and ejecting apparatus for moving the tray supporter.

48. The combined toaster and microwave oven of claim 47,  
5 wherein the holder part comprises a pair of holders each of which front lower portion is bent toward a front surface of the toaster case and rear portion is bent toward a rear surface of the toaster case, the pair of holders being installed on each tray.

10 49. The combined toaster and microwave oven of claim 48, wherein the holders are made of heatproof material and arranged in a line or a lattice.

15 50. The combined toaster and microwave oven of claim 49, wherein the holder part further comprises:

a spring formed of a single bent wire and crossed at a predetermined location of both sides thereof so that both ends thereof are coupled with a front lower portion of each of the holders; and

20 spacing means for spacing both sides of the spring from each other to enlarge distance between the holders when the bread is ejected.

51. The combined toaster and microwave oven of claim 50, wherein the spacing means comprises:

a body integrated with a rear lower portion of the tray supporter; and

5 a through hole through which both sides of a bent portion of the spring pass.

52. The combined toaster and microwave oven of claim 51, wherein the toaster further comprises:

10 a front plate coupled with front surface of the toaster case and having an insertion slot of the bread; and

a toaster door coupled with a front surface of the front plate.

15 53. The combined toaster and microwave oven of claim 52, wherein the front lower portion of the holder installed at a lower portion of the front plate movably left and right, and the rear portion of the holder installed at a rear surface of the toaster case fixedly.

20

54. The combined toaster and microwave oven of claim 53, wherein the front plate has a coupling hole of a predetermined size on a lower portion thereof so that a portion bent toward the front lower portion of the holder is installed.



55. The combined toaster and microwave oven of claim 54, wherein the toaster case further comprises a rear plate having a coupling hole to which a rear portion of the holder is fixed.

5

56. The combined toaster and microwave oven of claim 54, wherein the holder further comprises a heatproof and lubricant tube which surrounds a front bent portion, for contacting with the coupling hole of the front plate.

10

57. The combined toaster and microwave oven of claim 56, wherein the receiving and ejecting apparatus comprises:

15 a couple of connection levers having an end connected to the door of the toaster and the other end connected to the tray supporter; and

a couple of springs having an end connected to the tray supporter and the other end connected to a rear portion of the toaster case.

20